

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072319\
 Data File : VU033378.D
 Acq On : 23 Jul 2019 13:43
 Operator : JC/SP
 Sample : K3860-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-THM-WS

Quant Time: Jul 25 11:41:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072219DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Jul 23 03:43:51 2019
 Response via : Initial Calibration

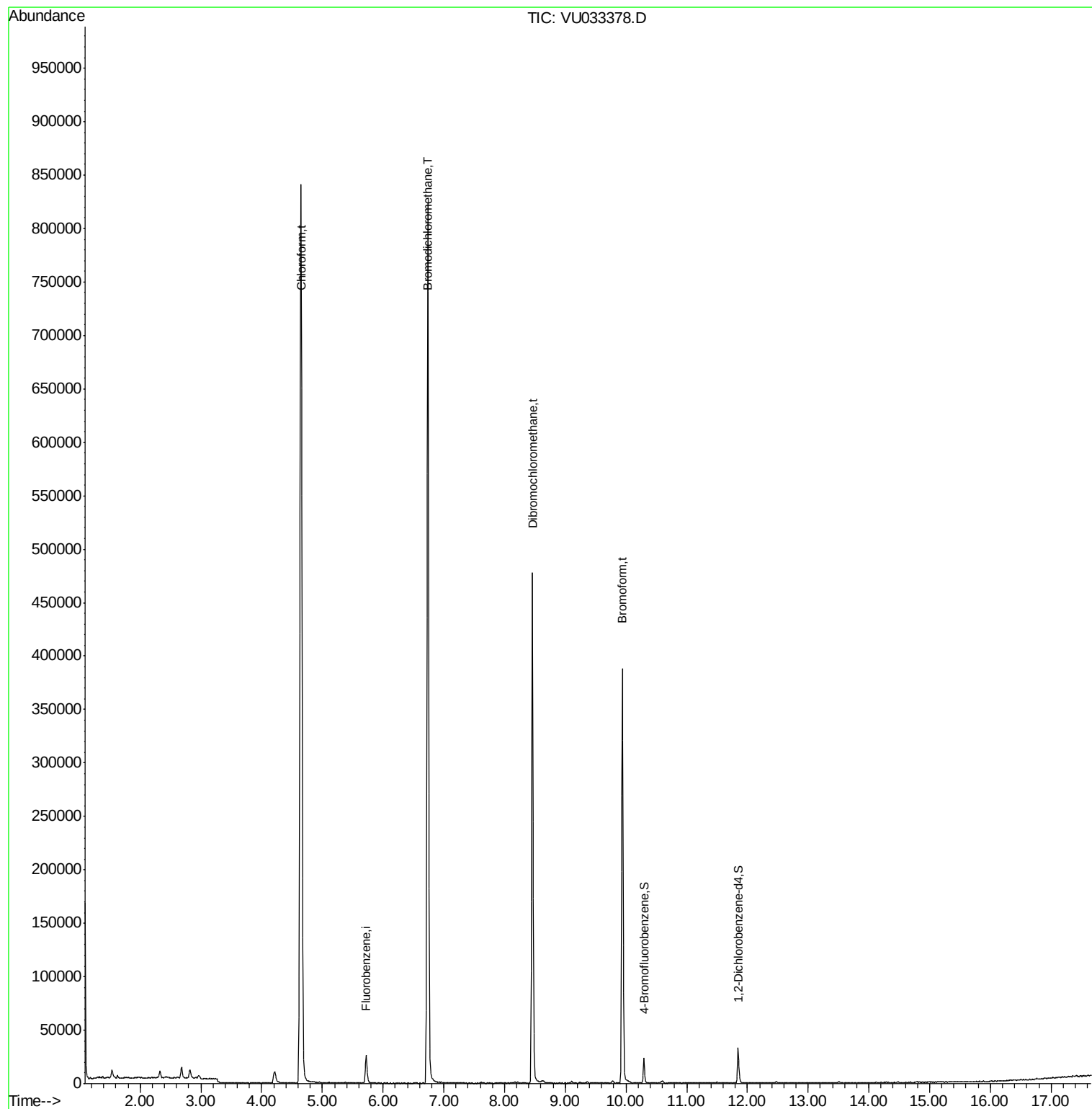
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) Fluorobenzene	5.72	96	25068	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.29	95	8173	0.83	ug/l	0.00
Spiked Amount 1.000			Recovery	=	83.00%	
68) 1,2-Dichlorobenzene-d4	11.85	152	9038	0.89	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.00%	
Target Compounds						Ovalue
27) Chloroform	4.65	83	789516	48.661	ug/l	100
44) Bromodichloromethane	6.74	83	537666	48.769	ug/l	99
55) Dibromochloromethane	8.46	129	243929	34.172	ug/l	99
67) Bromoform	9.94	173	169104	43.772	ug/l	100
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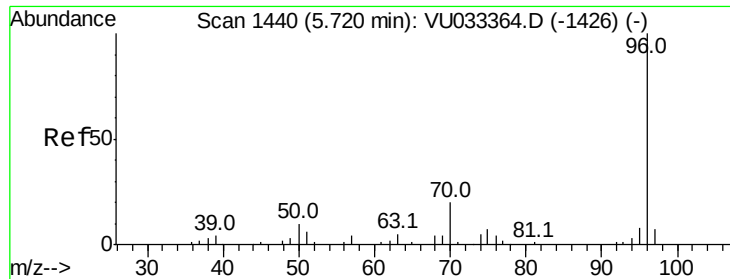
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.72 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VU033378.D

Acq: 23 Jul 2019 13:43

Instrument :

MSVOA_U

ClientSampleId :

PT-THM-WS

Tot Ion: 96 Resp: 25068

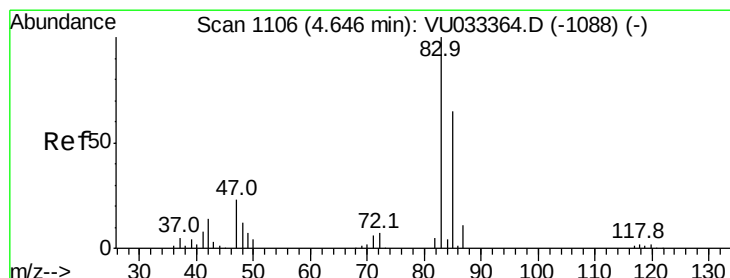
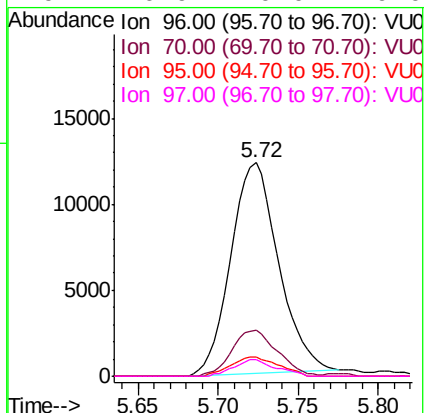
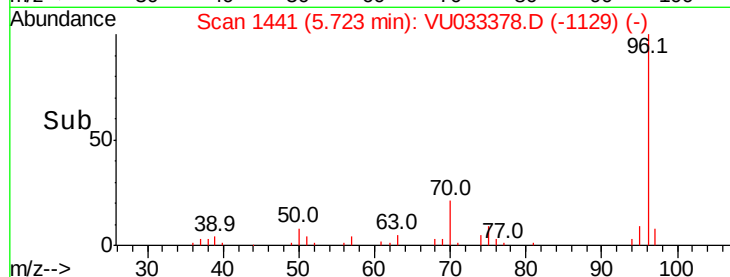
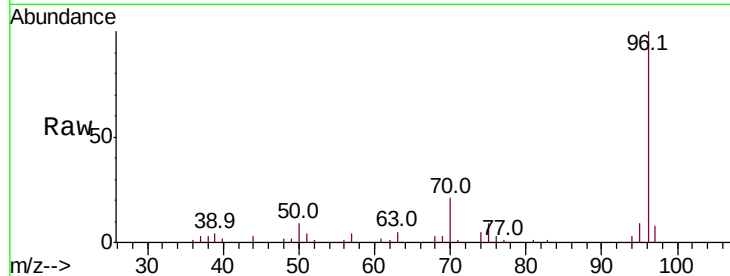
Ion Ratio Lower Upper

96 100

70 19.8 16.4 24.6

95 9.1 6.7 10.1

97 6.9 0.0 0.0#



#27

Chloroform

Concen: 48.661 ug/l

RT: 4.65 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VU033378.D

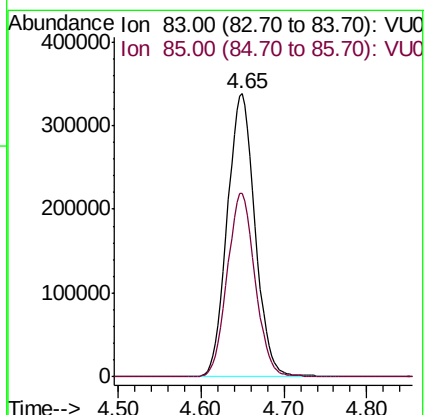
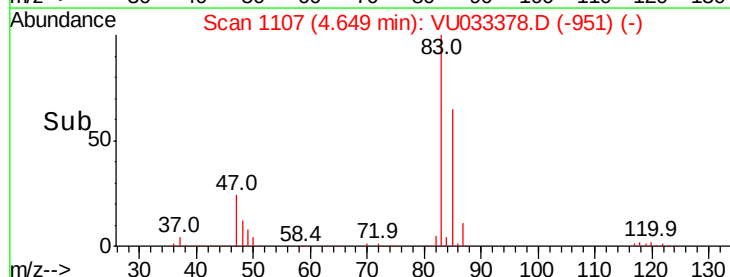
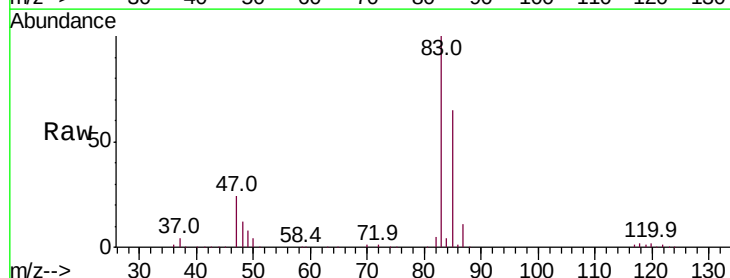
Acq: 23 Jul 2019 13:43

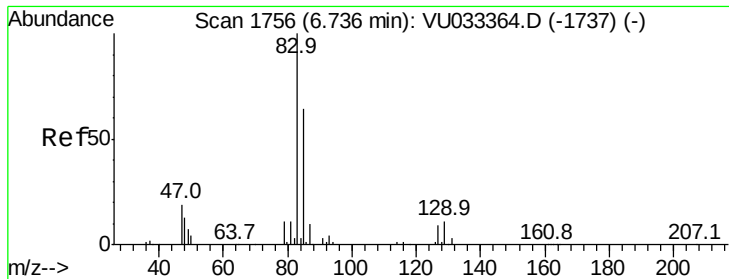
Tgt Ion: 83 Resp: 789516

Ion Ratio Lower Upper

83 100

85 64.9 0.0 129.8





#44

Bromodichloromethane

Concen: 48.769 ug/l

RT: 6.74 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VU033378.D

Acq: 23 Jul 2019 13:43

Instrument :

MSVOA_U

ClientSampleId :

PT-THM-WS

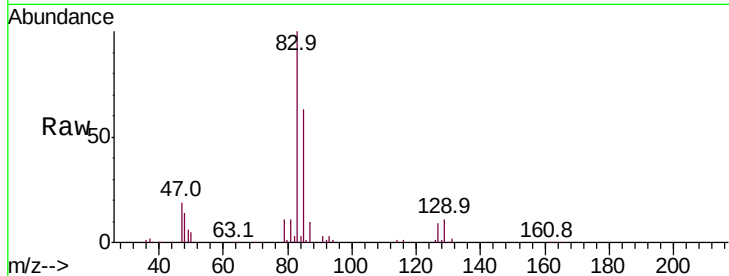
Tot Ion: 83 Resp: 537666

Ion Ratio Lower Upper

83 100

85 63.4 51.1 76.7

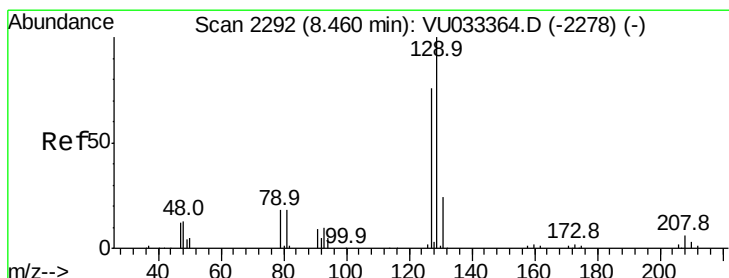
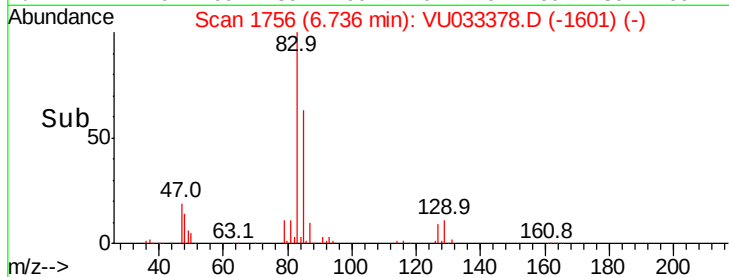
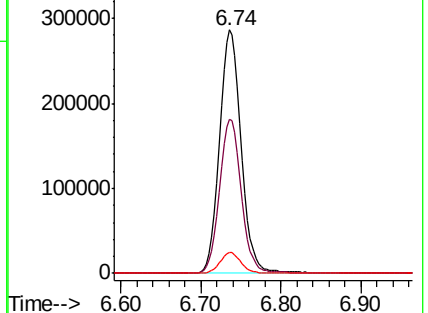
127 8.7 7.2 10.8



Abundance Ion 83.00 (82.70 to 83.70): VU033364.D (-1737) (-)

Ion 85.00 (84.70 to 85.70): VU033364.D (-1737) (-)

Ion 127.00 (126.70 to 127.70): VU033364.D (-1737) (-)



#55

Dibromochloromethane

Concen: 34.172 ug/l

RT: 8.46 min Scan# 2292

Delta R.T. -0.00 min

Lab File: VU033378.D

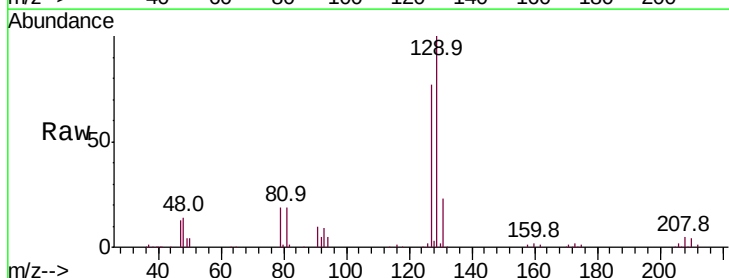
Acq: 23 Jul 2019 13:43

Tgt Ion: 129 Resp: 243929

Ion Ratio Lower Upper

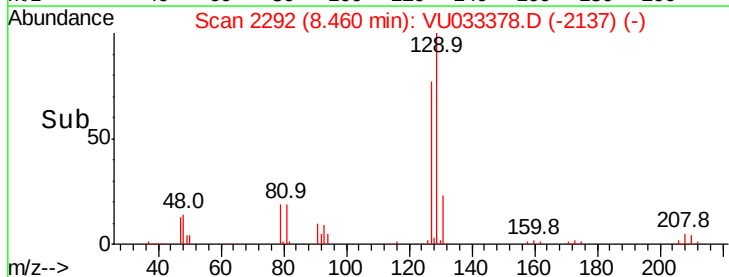
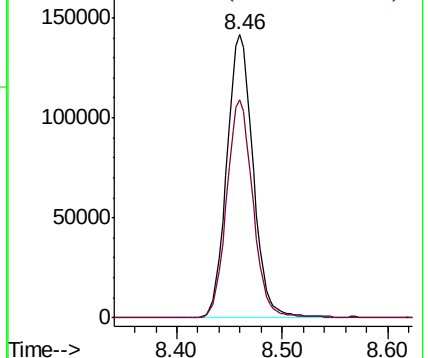
129 100

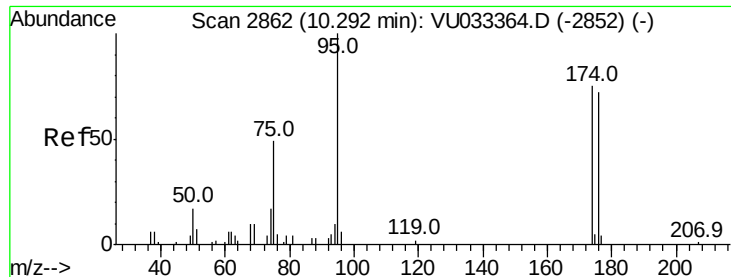
127 77.0 60.9 91.3



Abundance Ion 129.00 (128.70 to 129.70): VU033364.D (-2278) (-)

Ion 127.00 (126.70 to 127.70): VU033364.D (-2278) (-)

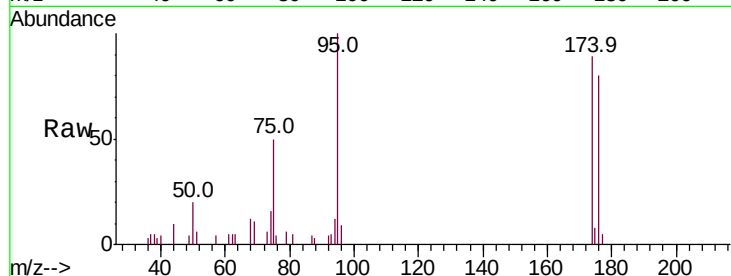




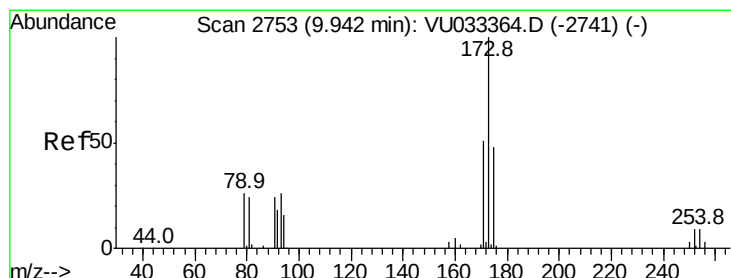
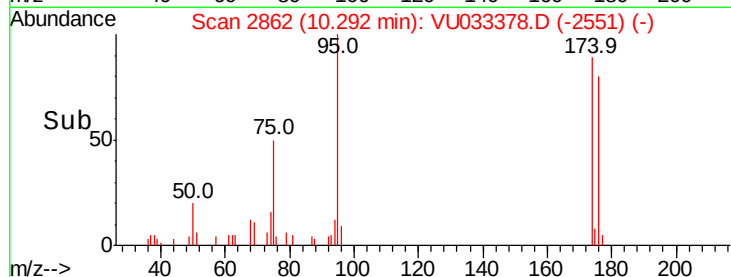
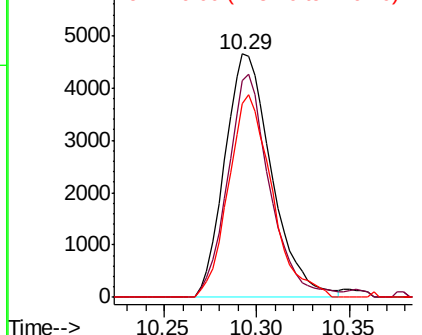
#57
4-Bromofluorobenzene
Concen: 0.831 ug/l
RT: 10.29 min Scan# 2862
Delta R.T. -0.00 min
Lab File: VU033378.D
Acq: 23 Jul 2019 13:43

Instrument :
MSVOA_U
ClientSampleId :
PT-THM-WS

Tot Ion: 95 Resp: 8173
Ion Ratio Lower Upper
95 100
174 82.3 58.8 88.2
176 77.1 54.4 81.6

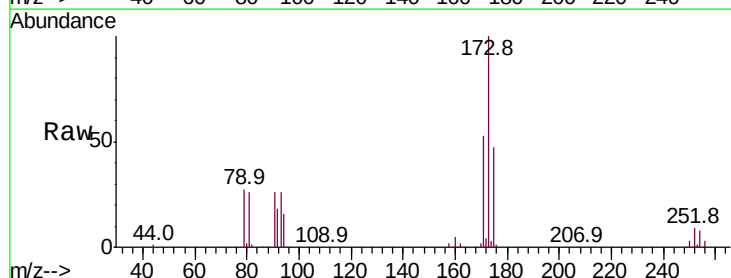


Abundance Ion 95.00 (94.70 to 95.70): VU033364.D (-2852) (-)
Ion 174.00 (173.70 to 174.70): VU033364.D (-2852) (-)
Ion 176.00 (175.70 to 176.70): VU033364.D (-2852) (-)

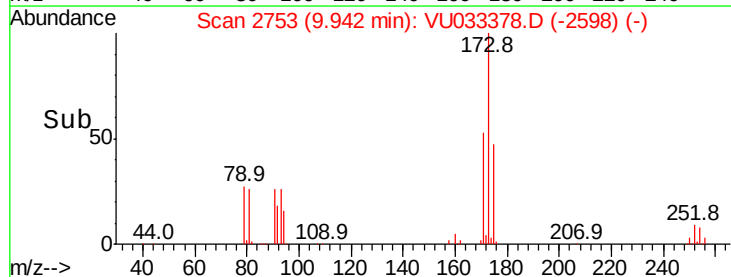
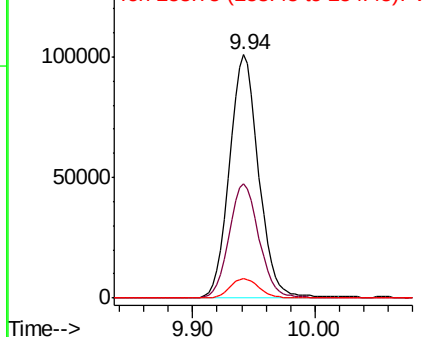


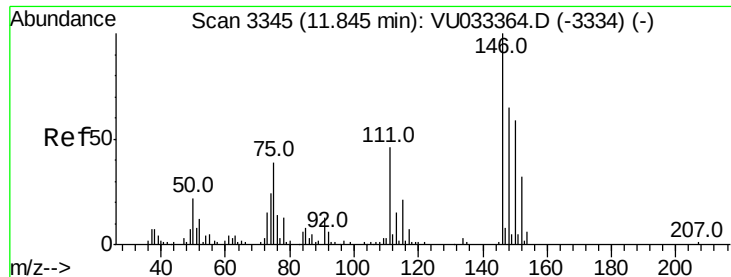
#67
Bromoform
Concen: 43.772 ug/l
RT: 9.94 min Scan# 2753
Delta R.T. -0.00 min
Lab File: VU033378.D
Acq: 23 Jul 2019 13:43

Tgt Ion: 173 Resp: 169104
Ion Ratio Lower Upper
173 100
175 48.2 38.6 58.0
254 8.2 6.8 10.2



Abundance Ion 172.90 (172.60 to 173.60): VU033364.D (-2741) (-)
Ion 174.90 (174.60 to 175.60): VU033364.D (-2741) (-)
Ion 253.75 (253.45 to 254.45): VU033364.D (-2741) (-)





#68
 1,2-Dichlorobenzene-d4
 Concen: 0.890 ug/l
 RT: 11.85 min Scan# 3345
 Delta R.T. -0.00 min
 Lab File: VU033378.D
 Acq: 23 Jul 2019 13:43

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-THM-WS

Tot Ion	Ratio	Lower	Upper
152	100		
115	66.5	0.0	123.2
150	156.1	0.0	648.4

